

IN THE CLAIMS

Claims 1-14 (canceled)

15. (new) A process for recovering hydrocarbons in oil well deposits and for reducing contamination in cement clinker production, comprising:

subjecting effluences in the form of combustion and/or calcining gases of cement clinker production to at least one of the steps of adsorption, separation of dusts, condensation, liquefaction, distillation and compression;

adjusting the temperature, concentration, pressure and/or expenditure of the effluences in order to obtain treated inert gases compatible with hydrocarbons of the deposits; and

injecting said treated inert gases into said oil well deposits.

16. (new) A process according to claim 15, wherein the treated inert gases comprise a mixture of CO₂ and N₂.

17. (new) A process according to claim 15 or 16, wherein water and oxygen are recycled.

18. (new) A process according to claim 16, wherein a percentage of N₂ and CO₂ of 75 to 85% and 15 to 25%, respectively, is obtained such that the sum of both percentages is 100%.

19. (new) A process according to claim 16, wherein air contained in the effluences is used in order to augment the concentration of N₂ of the gases injected.

C³
20. (new) A process according to claim 15 or 16, wherein said combustion and/or calcining gases result from the combustion of materials selected from the group consisting of fossil fuel (oil, gas and coal) or alternative fuels including waste tires and waste wood, and combinations thereof.
